

IN THE CLAIMS:

Please amend claim 1 as follows:

1. (Currently Amended) A polycrystalline structure film comprising:

metallic islands formed on a surface of a substrate and including atoms of at least one metallic element and molecules of a compound, ~~the adjacent~~ metallic islands physically spaced from each other, the compound of the metallic island being alternatively selected from an oxide and a nitride and consisting of elements different from the at least one metallic element; and

a seed crystal layer containing crystal grains and covering over the surface of the substrate and said metallic islands, each of the crystal grains having grown from a corresponding one of the metallic islands, ~~the adjacent~~ crystal grains being in contact with each other at a grain boundary to form a continuous seed crystal layer; and

a magnetic crystal layer containing magnetic crystal grains, each of the magnetic crystal grains having grown from a corresponding one of the crystal grains of the seed crystal layer.

2-3. (Cancelled)

4. (Previously Presented) The polycrystalline structure film according to claim 1, wherein said compound of the metallic islands is any of Si_3N_4 , SiO_2 and Al_2O_3 .

5. (Previously Presented) The polycrystalline structure film according to claim 4, wherein said at least one metallic element includes platinum.

6. (Previously Presented) The polycrystalline structure film according to claim 1, wherein said metallic islands contain said compound in a range between 5at% and 20at%.

7-18. (Cancelled)

19. (Previously Presented) The polycrystalline structure film according to claim 1, wherein each of said crystal grains of the magnetic crystal layer is separated from another crystal grain of the magnetic crystal layer at a grain boundary, the crystal grains of the magnetic crystal layer being made of cobalt and platinum, chromium atoms diffusing along the grain boundary.

20. (Previously Presented) The polycrystalline structure film according to claim 19, wherein a wall of the chromium atoms is formed at the grain boundary.

21. (Previously Presented) The polycrystalline structure film according to claim 5, wherein the at least one metallic element further includes cobalt.

22-23. (Cancelled)